

71
Instruments for Measuring Temperature and
Partial Density of Molecular Nitrogen in the
Upper Atmosphere, by A. F. Zhukov, N. A. Sokova,
5 pp.

RUSSIAN, per. Izvestiya Tsentral'noy Aerologic-
cheskoy Observatorii, No 77, 1967, pp 51-53.
JPRS 46,726

N. A. Sokova

Sci/Atmos :ci
Nov 68

370,047

Oscillation Mechanism on CO_2 , by N. Sobolev,
V. Sokolov. 71
RUSSIAN, bk. A Survey of Research in Ionized
Gases. International Atomic Energy Agency,
1968, pp 601-609.
NASA TT F-11,681

Sci
Dec 68

371,148

CO₂ Optical Quantum Generators, by E. N. Sobolev, 115
V. V. Sokolov. 49 pp.
USSR, per, Supplement of Physical Science,
Vol 91, No 3, 1967, pp 423-434.
MW/HSC/Exec-2876(b)-69

V. V. Sokolov

Sci-Figs
Oct 69

393.302

Free Conviction in a Plane Stranded Jet,
by V. V. Rie, Yu. A. Sokovishin.
Komsomol, par, Isk. Flg. Zh. Vol 16, No 4,
1969, pp 647-652.
Dept of Navy APL/JNU 2-8383

Yu A Sokovishin

Sol-Flgs
Nov 69

395,746

Stages of Recent Folding in Central Caucasus,
by B. A. Oshchepkin, B. G. Sokratov.
Izv. AN SSSR, Ser. Fiz. Mat. Nauk, Vol. 131, No. 2,
1961, pp. 433-435.
AGI

B. G. SOKRATOV

Apr 69

378,726

Device for determining friction forces during
rolling, by V. P. Sokurenko,
G. N. Bencenko, et al. 2 p.
USSR, Patent No. 192,458, 21 May 1964, 1967,
p. 1-2.
SI /PTA/ 1-23-1428-68

V. P. Sokurenko

Sci/ Materials
Nov 69

397,982

19
Guerrilla Warfare in Africa Described, by
Guillermo Solana, 6 pp.
SPANISH, per. Africa, Madrid, Jan 1969, pp 3-6.
JPRS 48067

AF-Inter-Af
Fol
June 69

383.536

Khoshaba Solaga

Dialects of Northern Minorities Examined in
Cultural Context, by Khoshaba Solaga, 7 pp.
ARABIC, np, al-Ta'akhi, Baghdad, 24 Jan 73,
p 6; 31 Jan 73, p 6.
JPRS 58411

Mar 73

Effective Utilization of Steel Sheet, by
J. Solar.
CZSCH, per, Strojirnska Vyroba, Vol 17,
No 1, 1969, pp 36-39.
BISI 8085

54

Sci-Mat
Sep 70

J. Solar

Letter from Aldo Solari to Marcha on CIA,
by Aldo Solari.
SPANISH, ~~xx~~ np, Marcha, No 1303, 13 May 1966,
pp 28, 29.

SP-1158

Jun 66

80
Satellite Triangulation, by M. Solaris.
CZCZ, par, Geodeticki List, Vol 23, No 1-2,
1969, no 11-20.
CZCZ-SC-1604

m Solaris

Sci-Mar Sci
Jan 70

Le Monde: The Colombian Army Attempts to
Liquidate the "Independent Peasant Republics"
by Santiago Solarte, 10 pp
FRENCH, np, Le Monde, 1-2 Feb 1965, pp 1,3.
GUO 631

LA-Colombia
Pol
Mar 65

276,394

24
Intent of Rightist Attacks on Party Explained,
by Miroslav Solc, 8 pp.
Czech, np, ~~Libuna~~, Prague, 6 Aug 1969, p. 1.
JPRS 48790

Miroslav Solc

re-Czech

ol

Sept 69

321.858

11
Democratic Socialism is Anti-Marxist-Leninist.
by Miroslav Solc, 5 pp.
CZECH, np. ~~Pravda~~ ~~Prague~~, 1 Oct 1969, p 13.
JIS 47357

M I R O S L A V S O L C

EE-Czech
.ol
Dec 69

397.634

29
Health Education in Vocational Schools, by
Dr. G. E. Solomonescu, 9 pp.
ROMANIAN, par, Revista instructiunii
profesional si tehnice, No 6, Nov-Dec 1965, pp.
55-60.
JPRS 34235

G. E. Solomonescu

EE-Romania
Soc
Mar 66

295,981

63
Progress in Plate Mill of Koshin Works, by
S. Soda, et al.
JAPANESE, per, Nippon Kogan Techn. Rev., No 46,
1969, pp 19-26.
KISI 6496

S. Soda

sci/mst
Feb 71

Plastics in Construction and Road Machine
Building, by I. A. Soldatekov, N. I. Baran, 10
M. A. Mass, 5 pp.

RUSSIAN, per, Stroitel'myre i Dorozhnyye
Mashiny, No 4, Apr 1966, pp. 34-36.

JPRS 36651

I. A. Soldatekov.

USSR

Econ

Sept 66

311,142

Construction Equipment for Far North Described, 98
by V. Ye. Soldatenkov, 5 pp.
RUSSIAN, per. Bulletin: ~~Stranitsy~~ ~~Novy~~ ~~Iskhodki~~
Moscow, Mar 1969. PP 39-40.
JPRS 48205

V. Ye. Soldatenkov

Sol-Mech, Ind, Civ & Mar Eng 384,908
Jul 69

Infrared and Ultraviolet Birefringent Cholesteric
Filters, by I. Sole. 3 pp.
CZECH, per, Jenna Mechanika a Optika, No 4,
1966, pp 112.
ACSI J-0593
ID 2204043966

124

I. Sole

Sci-Phys
Oct 66

309,815

10
CMEA Countries Cooperation, Trade Analyzed,
by Josef Soldanowik, 10 pp.
POLISH, per, Economic Life, 19 May 1968, pp 1, 10.
JPRS 45,064

JOSEF SOLDANOWIK

EE Intrabloc

Econ

Aug 68

361,447

13
Methods Given for CEMA Economic Acceleration,
by Josef Soldaczuk, Jan Gieszala, 18 pp.
POLISH, per, Gospodarka Planowa, Warsaw,
Nov 1968, pp 1-7.
JPRS 47,453

Josef Soldaczuk

Eastern European Aff
Room
Mar 69

375,899

Laser Measures Distances, by Soldatenkov V.
RUSSIAN, per, Turkenskaya Iskra, 1969, Jan,
p. 4, Cols 1-5, No 4.
FTD-HT-Special 71-73

V. Soldatenkov

SULEJATOV A B

RU

AFTEREFFECTS OF HERBICIDES

TRUD BYELORUSS SEL'SKH07 AKAD 1970,62 PP 127-
128

ESTC-MI-23-2091-72

Party Organizations Take Increased Interest
in Civil Defense, by V. Soldatov, 5 pp.
RUSSIAN, np, Sovetskiy Patriot, 22 Aug
1965, p. 1.
JPRS 32286

USSR

Mil

Oct 65

239,771

44/

Shortages of Tractor and Machine Parts,
by V. Soldatov, 5 pp.
RUSSIAN, np. Sol'skaya Giza, Moscow,
15 August 1968, p 2.
Sov 60843

Sci/Agri
Oct 68

302,117

V. Soldatov

Effect of Some Factors on the Emulsion Polymerisa- 73
tion of Vinyl Chloride, by V. M. Soldatov.
RUSSIAN, per, Plast Massy, No 1, 1969, pp 5-6.
ATS RJ-5356

V. M. Soldatov

Sci-Chem
June 70

V. S. Soldatov

Artificial Soils Based on Ion-
Exchange Materials, by V. S. Soldatov.
RUSSIAN, per, Akademiya Nauk Belorusskoi
SSR, Doklady, Vol 12, No 4, 1968,
pp 357-359

HTC 72-11497-08M

June 72

Ion-Exchanger-Based Synthetic Nutrient Media
For Growing Plants, by V. S. Soldatov. 15 pp.
RUSSIAN, per, Azotizatsiya, No 2, 1969,
pp 101-106.
NASA TT-F-13515

V. S. Soldatov

July 71

Assimilability of Plant and Animal Foods
by Higher Marine Crustaceans Under
Different Conditions, by I. N. Soldatova
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 181, No 6, Feb 1969, pp 1425-1428.
CB

I. N. SOLDATOVA

Oct 70

Communist International Bank Described, by
N. Soldatova, 7 pp.
RUSSIA, per. Communist Voennoye Sil.
Dec 1968, pp 85-86.
JPRS 47,422

3

N. Soldatova

USSR
Leon
Feb 69

375,785

New Drugs Approved for Use in Medical
Practice, by T. G. Soldatova.
RUSSIAN, per, Medicinskaya Promyshlennost
SSSR, No 11, 1965, pp 14-15.
NLL Shelf Mark 0105

#61

Sci-84M
June 66

301,471

The State of Health and Clinical Peculiarities
of Reactions to Occupational Irradiation in
Medical Roentgenologists, by V. A. Soldatova,
14 pp.

45

RUSSIAN, rpt, Inst Gigeny Truda i Profzabolevaniy
Akad Med Nauk SSSR, 1968, 16 pp.

XEC-TT-7132-70

V. A. Soldatova

Sci/84M
Jul 70

On a Class of Finitely Presented Groups,
by V. V. Soldatova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 172,
No 6, 1967, pp 1276-1277.

Am Math Soc

Vol 8, No 1, 1967

V.V. SOLDATOVA

Nov 68

370,357

English title Unknown, by J. Sole.
FRENCH, rpt, Grandes Ministres, Commissariat A
l'Energie Atomique, Report CEA-R 3243, June
1967, pp 1-19.
*FTD-HT-23-814-68

Sol-Misc
Sep 68

J Sole

47

Agricultural Production in 1969 Evaluated,
by Mieczyslaw Sulecki, 10 pp.
POLISH, per, Nowe Rolnictwo, Warsaw,
16-31 Dec 1969, pp 1-4.
JPRS 50065

Sci-Agr
Mar 70

Mieczyslaw
Sulecki
405,051

AEC (LIB-Trans-300) RESEARCH REPORT ON THE MEASUREMENT OF THE AVERAGE NUMBER OF PROMPT NEUTRONS AND OF THE RELATIVE CROSS SECTIONS FOR THE FISSION OF ^{235}U AND ^{239}Pu INDUCED BY NEUTRONS WITHIN THE 0.3 AND 1.4 MeV ENERGY RANGES. Soleilhav, M.; Decarsin, J. P.; Frehaut, J.; Gauriau, J.; Mosinski, G.; Beau, M.; Bertrand, R.; Chardine, Ottoz, A. Translated by P. J. Newton (Australian Atomic Energy Commission Research Establishment, Lucas Heights), from French report. 21p. Dep. NTIS (U. S. Sales Only).

physics (nuclear); translations 20H

MIN-34 NP NSA

M. Soleilhav

50
The Doctrine of Generation According to Charles
Bonnet (1720-1793), by R. Soleto.

ITALIAN, per, Mad. Sci. Spogli, Vol 3, No 4, 1966,
pp 9-17.

HEI-MIN
10-14-67

Soleto, R.

Sci-MAN
Dec 67

346,133

Asymptotic Behavior of Prediction Error in the
Multidimensional Case, by V. N. Solov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 185, No 1,
1969, pp 43-46.

The Am Math Soc

Vol 10, No 2, Mar-Apr 1969

V. N. SOLOV

Oct 69

394,125

Preparation of Medicines in Czechoslovak Pharmacies, by J. Solich and M. Chalabala, 10 pp.

GOVERNMENT USE ONLY

CZECH, par, Czechoslovenska Farmacie, No. 4, May 1967, pp. 172-175.

JPRS GUD 2503

J. Solich

EE-Czechoslovakia

Sci-Tech

Sept 67

339,027

Interferometric Study of a Mach 5 Flow
Around a Sphere, by Jean Louis Solignac.
FRENCH, per, Roch Aerospatiale, No 125,
Jul-Aug 1968, pp 31-39.
NASA TT F-12,121

31

Jean-Louis Solignac

Sci-Aero
June 69

383,208

The Main Trends of Scientific Research and Experimental Design in the Glass Industry for 1959-1965, by F. G. Solinov, 5 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVI, No 4, 1959, pp 1-5.

CB

Sci
Sep 62

210,388

Economic Importance of Small Irrigation Pro-
jects in Cuba, by Agustin Solis, 11 pp.
SPANISH, up, Voluntad Hidraulica, Aug 1965,
pp. 4-12.
JPRS 34426

LA-Cuba
Econ
Apr 66

298,058

Vast Investment Plan Scheduled for Elia,
by Luis Hernandez Solis, 5 pp.

COVER SHEET: USE ONLY

SPANISH, per, Mundo Economico, 31 1965,
pp. 57-61.

JPRS CUD 620

LA-Venezuela

Econ

Sept 65

219,396

39
The Economic Importance of Small Irrigation
Projects, by Agustin Solis, 12 pp.
SPANISH, per, Voluntad Hidraulica, Aug 1965,
No 10, pp. 4-12.
JPRS 57374

AGUSTIN SOLIS

LA-Cuba
Econ
Oct 66

312,529

K. A. Salishchev

On Automation in Cartography, by K. A. Salishchev,
10 pp.

RUSSIAN, per, Kartografiya, No 2, 1966, pp 19-29.

ACIC-TC-1622

Oct 71

89
Study of Wire Drawing with Oscillating Drawplates,
by T. Solkowski, A. Vilain.

FRENCH, per, ATB Met, Vol 8, No 4, 1968,
145-147.

BISI 7498

T. Solkowski

Sci/Mat
May 70

406,766

Researches on the Possibilities of Improvement
of Conditions of Employment during Tolling, by
A. Jakubowski, A. Vilain.

Prace, Ser. SS St, Vol 8, No 2, 1968,
pp. 87-96.

SI 1 7138

J. Jakubowski

Sci/Internat

SI 1 71

309,917

Study of the hearing brain, oscillation, 89
P. Polkowski, et al.

1968, Int. J. Neurosci., Vol 8, No 4, 1968,
145-

*1968 7-1968

Int. J. Neurosci.

1968

J. Polkowski

Foreign Trade Minister Discusses GDR-USSR Trade, ¹²
by Horst Sells, 10 pp.

GERMAN, per. Anzeiger, No 11, Nov 1967, pp 1-
6.

JPRS 44059

EE-E Ger

Acen

Feb 68

349,052

12
Foreign Trade Minister Discusses Foreign Trade
Trends, by Horst Solle, 19 pp.

GERMAN, per. Aussenhandel, No 7, Jul 1967,

pp 5-13.

JPRS 62343

Horst Solle

EE-E Germany

Loon

Lot 67

343,404

Effect of Plastic Deformation on the Electro-physical Properties of Indium Antimonide, by Ye. S. Sollertinskaya.

RUSSIAN, per. Izvestiya AN SSSR, Neorganich-eskiye Materialy, Vol 4, No 5, 1968, pp 775-776.

FTD-S-512

Apr 69

380,282

59
The Combined Lighting and Air-conditioning of
Workrooms, by G. Sollner.

GERMAN, per, Heim-Loft-Heimatechnik, Vol 19,
No 12, Dec 1968, pp 429-435.

CMB

O.R. Trans 370

G. Sollner

Sci-Elec

Feb 70

401,739

Colour TV Tube Drive, by H. Sellner
GERMAN per, Telefunkenzeitung, Vol. 40,
No. 3: 212-18, 1967
AWA

71

Sci-elec
July 69

385.712

H. SOLLNER

~~H. SOLLNER~~

Determination of Nitrate and Ammonia-N
in Fertilizers by an Ion-Exchange Method,
by E. Kowalska, J. Sollorz.
GENUINE, per E. Anal. Chem. Vol. 210, No. 4,
1965. pp 271-275
OS 28

J. Sollorz

Sci
Aug 67

338-404

Determination of Nitrate-and Ammonia-N
in Fertilizers by an Ion-Exchange Method,
by E. Hovalsha, J. Sallors.

CHIMIE, per Z. Anal. Chem. Vol. 210, No. 4,
1965, pp 271-275
OS 28

J SALLORS

Sci -
Aug 67

338-404

J. Solms

Flavor-Potentiating Effects in Nucleotide / Amino-
Acid Model Systems, by Renate Gutzeit-Wals, J. Solms,
7 pp.

GOVERNMENT USE ONLY

GERMAN, per, Zeitschrift für Lebensmittel-Untersuchung
und Forschung, Vol 146, No 2, pp 86-90.

ARM/FSIC/HF-23-428-72

June 72

45
Polycardiographic Investigations Of Children with
Mitral Disease, by R. L. Garburg, O. G. Salomatin,
A. A. Galstyan, 10 pp
RUSSIAN, per, Pediatrics, Vol XLIV, No 2, Feb 65,
pp 9-14.
JPRS 29333

USSR
Sci-B/M
Apr 65

879,316

Current Limitations of an Accelerator Associated
with the Limit Intensity of Particles in a Phase
Volume, by M. P. Sivkov, A. I. Dolnitskiy,
Moscow, U.S.S.R., State Committee on the Use of
Atomic Energy in the USSR, Leningrad, 1960, 120 pages,
121

A. I. Dolnitskiy

12/21
121 121

121, 121

New Publications Create Reference Sources
for Economic Information, by M. Solntsev, 5 pp.
RUSSIAN, per, Voprosy Ekonomiki, No. 9, Sept
1966, pp. 152-154.
JPRS 39339

10

M SOLNTEV

USSR
Econ
Jan 67

316,154

Calculation Method for Determining Fluorine
Balance in the Electrolysis of Aluminum,
by S. S. Solntsev, 5 pp.
RUSSIAN, per, Tsvetnyye Metally, No 2,
1967, pp 58-62.
JPRS 40870

12

S S Solntsev

Sci - Materials
May 67

324,265

98
Calculation Procedure for Determining the Fluoride
Balance in the Electrolytic Production of Aluminum,
by S. S. Solntsev.

RUSSIAN, par, Tsvet Metal, Vol 40, No 2, 1967,

pp 59-62.

ATS RJ-5426

S. S. Solntsev
Sci-Phys material
June 70

Crediting Nonseasonal Branches of Industry,
by V. Solntsev and G. Kravtsova, 6 pp.
RUSSIAN, per, Den'gi i kredit, No. 2, Sept
1966, pp. 21-24.
JPRS 33977

SOLNISEV, V.

USSR

Econ

Dec 66

315,966

2
Problems of Product Sales in Construction, by
V. Solntsev, 15 pp.
RUSSIAN, per, Ekonomicheskiye Nauki, No 3, 1968,
pp 16-26.
JPRS 45,860

V. SOLNTSEV

USSR
Econ
Aug 68

361,434

V. G. Solntsev

Land Improvement Machinery Status, Prospects
Reviewed, by V. G. Solntsev, Yu. G. Kanylov,
10 pp.

RUSSIAN, per. Stroitel'stvo i Dorozhnye Mashiny.
Moscow, No 2, Feb 1972, pp 1-4.
JPRS 55550

Apr 72

115
Reliability of Rural Power Supply Discussed,
by V. M. Solntsev, 5 pp.
RUSSIAN, per. Energetik, Moscow, No 5, 1969,
pp 4-6.
JPRS 48524

V. M. SOLNTSEV

Sol-Energy Conv (non-prop)
Aug 69

389,089

71
The Equatorial Westerly Wind in the Pacific
Ocean from Observations of Soviet Expeditions
(Meteorological Aerological and Synoptic Con-
ditions), by N. I. Solntseva.
RUSSIAN, per, Tr. AN SSSR Inst. Okean, Vol 78,
1965, pp 49-80.
ML Ref: 9022.551 (b58 N)

N. I. SOLNTSEVA

Sci-Earth Sci
Aug 68

362,163

92
Investigation of the Action of Flotation
Reagents, by V. I. Solnyskin, 108 pp.
RUSSIAN, mono, Issledovanie diestviya
flotatsionnykh reagentov, 1968
*CPSTI TT 70-50023

V.I. Solnyskin

sci/phys
Jan 70

399,713

Optimization of Parent Selection, by
Yu. S. Kolymakov. 107 pp.
Optimizatsiya Vybora Vozrastnogo
1968, 1-103.
10/11/ 1-24-201-69

Military
100 70

401,089

**Formulating Mathematical Model Complexes
on the Operational-Tactical Employment
of Forces, by Yu. S. Solnyshkev.**

FOR OFFICIAL USE ONLY

**RUSSIAN, per. Morskoy Sbornik, No 2,
1968, pp 62-64.**

DIA/AP/620-2-56-59

USSR

MI1

Mar 69

377,221

N. J. Solocnik

Production Technology and Properties of Fire-Resistant
Wood Fiberboard, by A. Amfrevic, N. J. Solocnik,
13 pp.

GOVERNMENT USE ONLY

GENEVE, par, Holstechnologie, Vol 10, No 4, 1969.

AMM/PWTC/HT-23-687-71

Page 71

19
The Drama and the Theater of Our Time, by A.
Solodovnikov, 3 pp.
RUSSIAN, per. Kommunist, No 8, May 1967, pp. 9-63.
JPRS 4638

A. Solodovnikov

USSR
Pol
Jul 67

332.348

Political Work in Civil Defense, by I. Solo-
daryuk and A. Bulakov, 5 pp.
RUSSIAN, per, ~~Foreigner~~ *Foreigner*, No 7, Jul
1965, pp. 16-21.
JPRS 32773

I. Solodaryuk

USSR:
RII
Sept 65

20,475

The Tasks of the Organizations under the Ministry
of Installation and Special Construction, in
Connection with Fulfilling the Decision of the
May 1966 Plenary Session of the CC CPSU, by L. 6

D. Solodennikov, 5 pp.

RUSSIAN, per, *Montashnyye i Spetsial'nyye Raboty*
y Stroitel'stve, No. 10, Oct 1966, pp. 1-3.

JPRS 39395

L. D. SOLODENNIKOV

USSR

Econ

Jan 67

316,111

65
Technical and Economic Principles of the
Heat Treatment of Metals, by A. G. Seledikhin.
RUSSIAN, bk. *Tekhnicheskia i Ekonomicheskia*
Osnovy Termicheskoi Obrabotki Metallov.
1965, 451 pp.
NLL # J9806

A. G. Seledikhin

Sci-MEM
Jul 66

308,502

Large Informations of a Circular Lambrane
Attached Along its Contour to a
Detachable Ring, by Yu. I. Solodilov. 110
Moscow, per, Inzhen Zhur, Vol V, No 2,
1965, pp 376-381.
Dept of Navy 4825/WPL/JAG 7-1876

Sci - Sci 1 & 100 Sci
Let 50

Yu I Solodilov

312,848

Correction of the Effect of the Boundary Layer
on the Flow in Nozzles With a Broken Eccentric,
by L. V. Kholodina, V. E. Golodkin, 3 pp.
RUSSIAN, per, Zhurnal Prikladnoi Mekhaniki
i Fiziki, No 4, 1966, pp 103-107.
PUBLISHED
R00-07-67-000-91

Sci/Russ
Oct 60

13,377

Turbulent Nonisothermal Flow of a Viscous Compressible Gas in the Initial Segments of Axisymmetric and Plane Diverging Channels with a Zero Pressure Gradient, by Ye. Ye. Solodkin, A. S. Ginevskiy, 18 pp.
RUSSIAN, per. Teplo- i Massopereenos. I. 1:
Konvektivnyy Teploobmen v Odnorodnoy Srede,
No 1, 1965, pp 189-202. P100158168-V
PTD-MT-67-250

Ye. Ye. Solodkin
Sci/Phys
Aug. 68

71.112

The Role of the Bonding Sodium in Electro-
luminescence Layers, by V.Ye. Solovkin

130

T.V. Yermeyeva. 12 pp.

ISSN 0013-788X, Ser. Luchevaya i Elektronnaya Optika i
Primeneniye, No 1, 1967, pp 19-22.

AKB/PUB/MT-23-344-68

V Ye Solovkin

Sci. Physics

vol 69

380,123